

**National Electricity  
Transmission System Status Report**



national**grid**ESO

**National Electricity Transmission System Status Report**  
Friday 13 December 2019

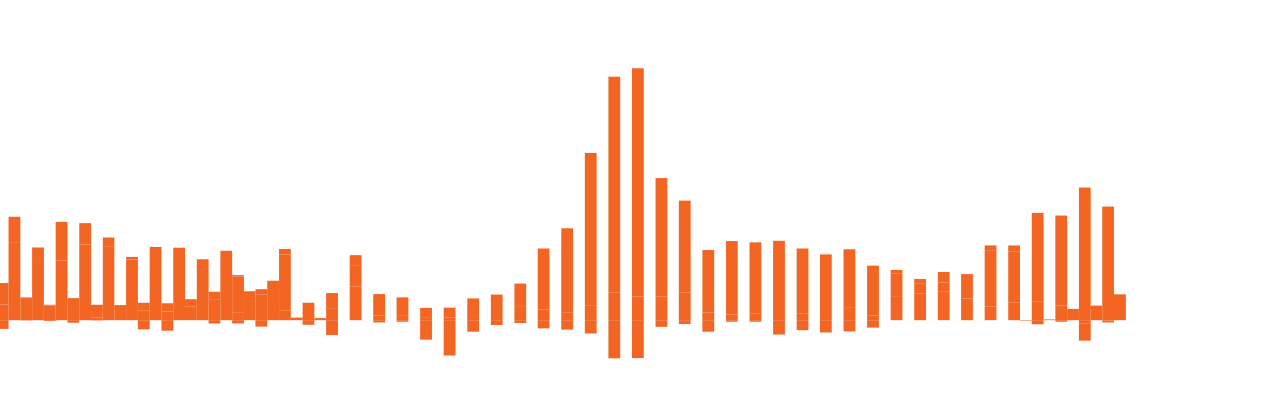
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

<a href="#">Today's Minimum De-Rated Margin</a>	4310MW (SP 36)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

**Balancing Costs**

Last 24 hours' BM spend Total: £1726k

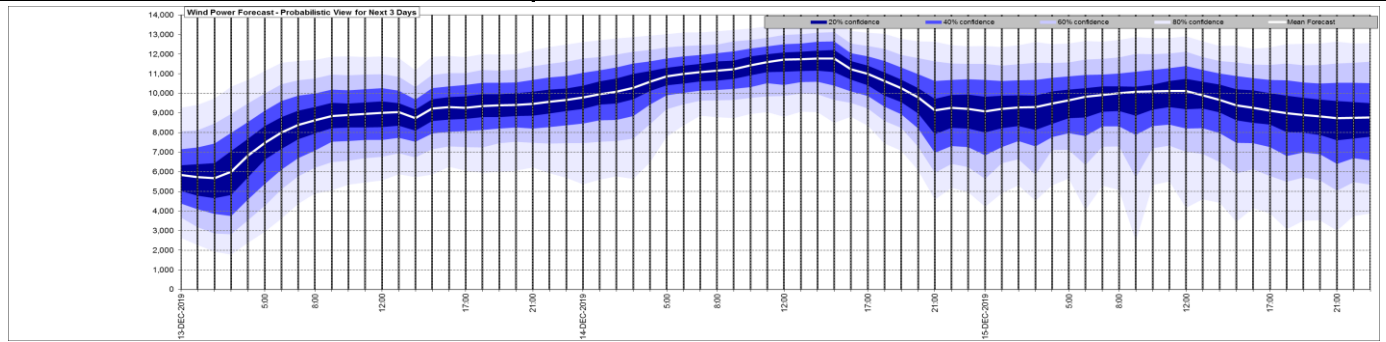
£140k  
£120k  
£100k  
£80k  
£60k  
£40k  
£20k  
£0k  
-£20k  
-£40k



Yesterday's Market Summary	
<a href="#">Cash out price (Max)</a>	£68.00/MWh (SP 36-37)
<a href="#">Cash Out Price (Min)</a>	£-88.00/MWh (SP9,10)
<a href="#">Peak Demand Yesterday</a>	38,653 MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.

### Wind Power Forecast



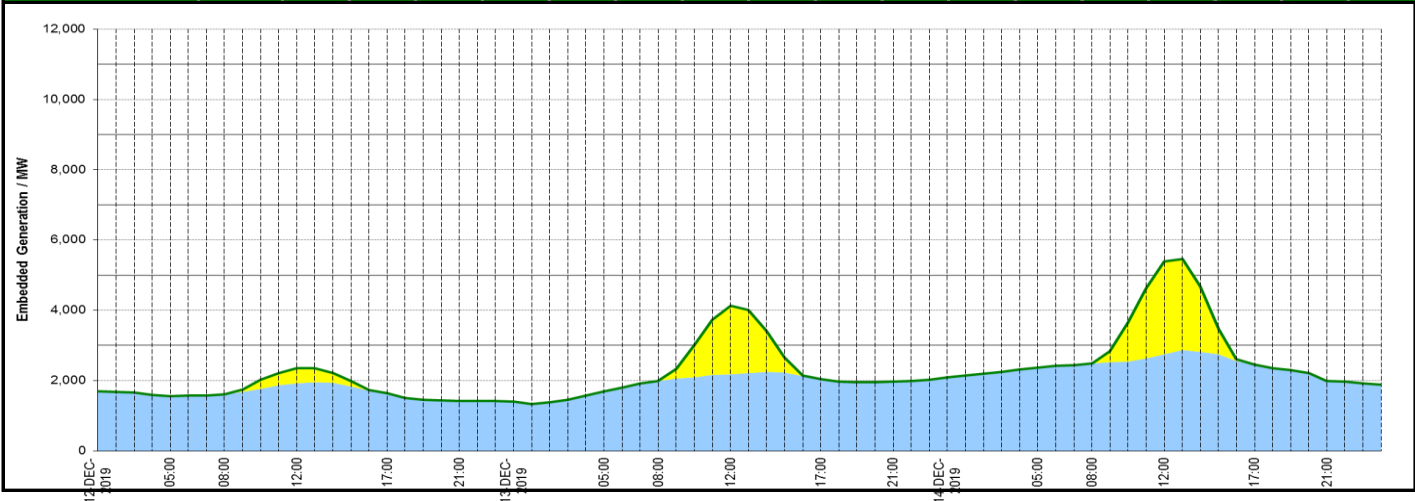
Key:

- 20% confidence
- 40% confidence
- 60% confidence
- 80% confidence
- Mean Forecast

### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	12-DEC-2019					13-DEC-2019					14-DEC-2019						
	05:00	08:00	12:00	17:00	21:00	00:00	05:00	08:00	12:00	17:00	21:00	00:00	05:00	08:00	12:00	17:00	21:00
Solar (MW)	0	0	438	0	0	0	0	0	1959	0	0	0	0	0	2639	0	0
Wind (MW)	1561	1603	1914	1642	1415	1404	1695	1994	2171	2046	1964	2085	2368	2482	2747	2448	1991
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>1561</b>	<b>1603</b>	<b>2352</b>	<b>1642</b>	<b>1415</b>	<b>1404</b>	<b>1695</b>	<b>1994</b>	<b>4130</b>	<b>2046</b>	<b>1964</b>	<b>2085</b>	<b>2368</b>	<b>2482</b>	<b>5386</b>	<b>2448</b>	<b>1991</b>



Weather	Source	Commentary
<p>Latest forecast (Summary)</p>	<p><a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a></p>	<p><b>Today:</b> Persistent rain affecting northeast Scotland with snow on hills. Showers affecting other areas, though also some sunny spells. Remaining windy in the southwest, and feeling cold.</p> <p><b>Tonight:</b> Further rain or showers affecting the north and west of the UK with some snow on hills. Rain for a time across southern England accompanied by strong winds. Dry elsewhere.</p>
<p>General Weather Concerns  e.g. wind, rain, snow, flooding, GB Weather Warnings</p>	<p><a href="#">Met Office Weather Warnings</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a></p>	<p>Warnings - - Flood (6 x England)</p>

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Further Information	
BM Reports	<a href="https://www.bmreports.com">https://www.bmreports.com</a>
System Balancing Reports	<a href="https://www.nationalgrideso.com/balancing-data/system-balancing-reports">https://www.nationalgrideso.com/balancing-data/system-balancing-reports</a>
Forecast Volumes and Costs	<a href="https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs">https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs</a>
NGESO Insights	<a href="https://www.nationalgrideso.com/insights">https://www.nationalgrideso.com/insights</a>